

Foreword

The Tenth Symposium on Antarctic Geosciences sponsored by the National Institute of Polar Research was held on October 31–November 1, 1989 at NIPR, Tokyo. A total of 38 papers were read at the symposium. Discussed topics ranged wide, including solid earth geophysics, mineralogy and petrology of various crystalline rocks and glacial geomorphology of eastern Queen Maud Land and Enderby Land. In particular, the emphasis was laid on ongoing earth science programs of Japanese Antarctic Research Expedition (JARE) in the Sør Rondane Mountains region.

The present volume comprises 21 full-length papers and 8 abstracts contributed from presentations at the tenth Symposium. The full-length papers are arranged in three groups according to their field of survey: I) Earth Sciences in the Sør Rondane Mountains, II) Earth Sciences in Enderby Land and Syowa Station, and III) Earth Sciences in other regions of the Antarctic and the topics of Gondwanaland.

The NIPR symposium of Antarctic geosciences has been held ten times and will be held annually in order to establish a comprehensive geoscientific picture of the Antarctic Continent and its neighboring oceans and continents. It is hoped that this tenth anniversary volume may be regarded as one of the milestones in the development of Antarctic geoscience research.

Our sincere thanks are due to all of the contributors and referees who have readily cooperated in publishing this proceedings. Lastly, we wish to thank Ms. Y. Shudo and the publication officer at the Library of the Institute for their assistance.

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